

*Attached to paper #11*

FORM PTO-1449 (Rev. 8/83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No.: <b>13282-1</b>	Appl'n No.: <b>09/858,190</b>
<b>INFORMATION DISCLOSURE STATEMENT</b> MAY 20 2003 (Use several sheets if necessary)		Applicant: Clarke	
		Filing Date: <b>May 15, 2001</b>	Group: <b>1761</b>

**US PATENT DOCUMENTS**

* Exr. initial	Document number	Date	Name	Class	Sub-class	Filing date (if appropriate)
SW	2,278,571	4/42	Skinner	90	148	
SW	3,681,092	8/72	Titchenal et al.	90	174	
SW	5,667,827	9/97	Breen et al.	426	129	
SW	5,711,978	1/98	Breen et al.	426	129	
SW	5,799,495	9/98	Gast et al	62	78	
SW	5,811,142	9/98	DelDuca et al.	426	424	

**FOREIGN PATENT DOCUMENTS**

* Exr. initial	Document number	Date	Country	Class	Sub-class	Translation enclosed (?)
SW	WO 95/00030	01/05/95	PCT international	A-23B	7/140	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

Exr. initial	Details of Document	Translation enclosed (?)

To

Examiner's signature	<i>SWINESTEIN</i>	Date considered	<i>6/21/03</i>
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- EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Attachment #7

Page 1 of 1FORM PTO-1449  
(Rev 8/83)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAtty. Docket No.: 13282-1 Appl'n No.: 09/858,190

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: ClarkeFiling Date: May 15, 2001 Group: 1761

## US PATENT DOCUMENTS

* Exr. initial	Document number	Date	Name	Class	Sub-class	Filing date (if appropriate)

## FOREIGN PATENT DOCUMENTS

* Exr. initial	Document number	Date	Country	Class	Sub-class	Translation enclosed (?)

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Exr. initial	Details of Document	Translation enclosed (?)
SW	Clarke et al., "Temperature Switchable Membranes for Creating and Maintaining Beneficial Package Atmospheres for Fresh Produce", Plastic Film and Sheeting, 17, pp. 22-34 (January, 2001)	
SW	Clarke, "Temperature Switchable Membranes for Packaging Fresh Produce", 2000 TAPPI Polymers, Laminations & Coatings Conference, November, 2000, pp. 1257-1271	
SW	Clarke, "Temperature Switchable Membranes for Packaging Fresh Produce", Paper, Film & Foil Converter, November 1, 2000	
SW	Clarke, "Temperature Switchable Membranes for Creating and Maintaining Beneficial Package Atmospheres for Fresh Produce", 1999 Polymers, Laminations & Coatings Conference, pp. 663-669 August 1999	
SW	Clarke et al, "The Future in Film Technology: a Tunable Packaging System for Fresh Produce", 7 <sup>th</sup> Int. Controlled Atm.Res. Conf CA97 Proc. 5, 68-75 (October 1997)	
SW	Mannapperuma et al, "Design of Polymeric Packages for Modified Atmosphere Storage of Fresh Produce", Proc. 5 <sup>th</sup> Int'l Res. Conf, vol 2, pp. 225-233	
SW	Liu, "The Ethylene Problem in Apple Storage", Michigan State University, Hort. Rep 28, pp. 86-96 (1977) ✓	
SW	Kader, "Relative Tolerance of Fruits and Vegetables to Elevated CO <sub>2</sub> and reduced O <sub>2</sub> Levels", Michigan State University, Hort. Rep 28, pp. 260-2 64 (1977) ✓	
SW	Marriott, "Bananas -- Physiology and Biochemistry of Storage and Ripening for Optimum Quality", CRC Critical Reviews in Food Science & Nutrition, pp. 41-54 (1980) ✓	
SW	Liu, "Storage of Bananas in Polyethylene Bags with an Ethylene Absorbent", HortScience, 5 (1), pp. 25-27 (February, 1970)	

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Attachment 4

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FORM PTO-1449 (Rev 8/83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No.: <u>13282-1</u>	Appl'n No.: <u>09/858,199</u>
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Clarke	Group: <u>1761</u>
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#### US PATENT DOCUMENTS

* Exr. initial	Document number	Date	Name	Class	Sub- class	Filing date (if appropriate)
	3,450,542	6/69	Badran	99	154	
	4,734,324	3/88	Hill	428	317.3	
	4,830,863	5/89	Jones	426	118	
	4,842,875	6/89	Anderson	426	118	
	4,910,032	3/90	Antoon, Jr.	426	118	
	4,923,703	5/90	Antoon, Jr.	426	118	
	5,045,331	9/91	Antoon, Jr.	426	118	
	5,160,768	11/92	Antoon, Jr.	428	35.2	
	5,254,354	10/93	Stewart	426	106	
	6,013,293	1/00	De Moor	426	106	09/10/97

#### FOREIGN PATENT DOCUMENTS

* Exr. initial	Document number	Date	Country	Class	Sub- class	Translation enclosed (?)
	W0 94/12040	06/09/94	PCT international	A 23B	7/00	
	W0 96/38495	12/05/96	PCT international	C 08J	9/36	
	W0 00/04787	02/03/00	PCT international	A 23B	7/148	
	351115	01/17/90	Europe	B 65D	81/24	
	351116	01/17/90	Europe	B 65D	81/24	

#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Exr. initial	Details of Document	Translation enclosed (?)
	Yahia, E. 1997. Modified/controlled atmospheres for bananas and plantains (Musa spp). p. 104-109 in: A.A.Kader (editor). CA'97 Proceedings volume 3: Fruits other than apples and pears. Postharvest Horticulture Series No. 17, University of California, Davis.	
<i>SW</i>	Biale, J.B. Respiration of Fruits Encyclopedia of Plant Physiology (1960) Berlin: Springer-Verlag; Ed. W. Ruhland, Vol. XII, Pt. 2, pp. 536 and 566-571 ✓	
<i>SW</i>	Brady, C.J.; O'Connell, P.B.H.; Smydzuk, J.; Wade, N.L. Permeability, Sugar Accumulation, and Respiration Rate in Ripening Banana Fruits Aust. J. Biol. Sci., (1970) 23, pp. 1143-1152 ✓	

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

initial	Details of Document	Translation enclosed (?)
<i>SW</i>	Broughton, W.J.; Wu, K.F. Storage Conditions and Ripening of Two Cultivars of Banana Scientia Hort. (Amsterdam) (1979) Vol. 10, Issue 1: pp. 83-93 ✓	
<i>SW</i>	Brown, D.J. The Effects of Low Oxygen Atmospheres on Ethylene and Carbon Dioxide Production by and 1-Amino-cyclopropane-1-Carboxylic Acid Concentration in Banana Fruits MS Thesis (1981), University of Maryland, College Park ✓	
<i>SW</i>	Elyatem, S.M.; Banks N.H.; Cameron, A.C. Oxygen Concentration Effects on Ethylene Production by Ripening Banana Tissue Postharvest Biology and Technology 4 (1994), pp. 343-351 ✓	
<i>SW</i>	Fuchs, Y.; Gorodeiski, N.T. The Course of Ripening of Banana Fruits Stored in Sealed Polyethylene Bags J. Amer. Soc. Hort. Sci., (1971) 96(4): pp. 401-403 ✓	
<i>W</i>	Gowen, S. Bananas and Plantains Chapman & Hall (1995) pp. 424-425 ✓	
<i>SW</i>	Hesselman, C.W.; Freebairn, H.T. Rate of Ripening of Initiated Bananas as Influenced by Oxygen and Ethylene J. Amer. Soc. Hort. Sci., (1969) 94(6): pp. 635-637 ✓	
<i>JW</i>	Hewage, S.K.; Wainwright, H.; Wijerathnam S.W.; Swinburne, T. The Modified Atmosphere Storage of Bananas as Affected by Different Temperatures Postharvest Phys., Pathology and Technol. for Hort. Commodities: Recent Advances (1995) pp. 172-176 ✓	
<i>SW</i>	Kanellis, A.; Solomos, T. The Effect of Low Oxygen on the Activities of Pectinmethyl esterase and Acid Phosphatase During the Course of Ripening of Bananas 4 <sup>th</sup> Natl. Controlled Atmosph. Res. Conf.; Raleigh, NC (1985) SM Blankenship: pp. 20-26 ✓	
<i>SW</i>	Leonard, E.R. Studies in Tropical Fruits. XVII. The Respiration of Bananas in Different Concentrations of Oxygen at 53F, and During Subsequent Ripening in Air at 68F. Annals of Botany (July 1947) N.S. Vol. XI, No. 43: pp. 299-331 ✓	
<i>SW</i>	Liu, F.W. Storing Ethylene-Pretreated Bananas in Controlled Atmosphere and Hypobaric Air J. Amer. Soc. Hort. Sci. (1976) 101(3):pp. 198-201 ✓	

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FORM PTO-1449 (Rev 8/83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No.: <b>13282-1</b>	Appl'n No.: 09/658,196
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		Filing Date: <b>May 15, 2001</b>	Group: <b>1761</b>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

initial	Details of Document	Translation enclosed (?)
	Liu, F.W. Banana Response to Low Concentrations of Ethylene J. Amer. Soc. Hort. Sci., (1976) 101(3) pp. 222-224	✓
SW	Liu, F.W. Ethylene Inhibition of Senescent Spots on Ripe Bananas J. Amer. Soc. Hort. Sci. (1976) Vol. 101(6): pp. 684-686	✓
SW	Liu, F.W. Ripening Bananas with Ethepron in Three Polymeric Film Packages HortScience, (1978) 13(6) pp. 688-690	✓
SW	Liu, F.W. Synergistic Effects of High Temperature and Low Concentration Ethylene on Ripening of "Dwarf Cavendish" Bananas HortScience (1978) 13(6): pp. 690- 692	✓
SW	Lowings, P.H.; Cutts, D.F. The Preservation of Fresh Fruits and Vegetables Proceedings - Inst. Food Science & Tech. of the UK (June 1982) Vol. 15(2): pp. 52-54	✓
M	Mapson, L.W. Biosynthesis of Ethylene and Its Control IN: Conf Trop Subtrop Fruits; Food Research Institute, Norwich, England: (1969), pp. 85-92	
SW	Mapson, L.W. Biosynthesis of Ethylene and the Ripening of Fruit Endeavour (1970) Vol. 29(106): pp. 29-33	✓
SW	Mapson, L.W.; Robinson, J.E. Relation Between Oxygen, Tension, Biosynthesis of Ethylene, Respiration and Ripening Changes in Banana Fruit J. Food Technol. (1966) Vol. 1, pp. 215-225	✓
SW	Marriott, J. Bananas - Physiology and Biochemistry of Storage and Ripening for Optimum Quality CRC Critical Reviews in Food Science and Nutrition (1980) 13(1): pp. 41-42	✓
SW	McGlasson, W.B.; Wills, R.B.H. Effects of Oxygen and Carbon Dioxide on Respiration, Storage Life, and Organic Acids of Green Bananas Aust. J. Biol. Sci. (1972) 25(1): pp. 35-42	✓
SW	Parsons, C.S.; Gates, J.E.; Spalding, D.H. Quality of Some Fruits and Vegetables after Holding in Nitrogen Atmospheres Amer. Soc. for Hort. Sci. (1964) Vol. 84: pp. 549-566	✓

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**INFORMATION DISCLOSURE STATEMENT**

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Atty. Docket No.:  
**13282-1**

Appl'n No.:  
**09/854,190**

Applicant: Clarke

Filing Date:  
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Group:  
**1761**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

initial	Details of Document	Translation enclosed (?)
<i>SW</i>	Peacock, B.C. Banana Ripening-Effect of Temperature on Fruit Quality Queensland Journal of Agricultural and Animal Sciences (1980) Vol. 37(1): pp. 39-45	
<i>SW</i>	Quazi, M.H.; Freebairn, H.T. The Influence of Ethylene, Oxygen, and Carbon Dioxide on the Ripening of Bananas Botanical Gazette, (1970) 131(1):pp. 5-14 ✓	
<i>SW</i>	Rippon, L.E.; Trochoulias, T. Ripening Responses of Bananas to Temperature ✓ Aust. J. of Exper. Ag. and Animal Husbandry (1976) Vol. 16, Part 78: pp. 140-144	
<i>SW</i>	Scott, K.J.; McGlasson, W.B.; Roberts, E.A. Potassium Permanganate as an Ethylene Absorbent in Polyethylene Bags to Delay Ripening of Bananas During Storage ✓ Aust. J. of Exper. Ag. and Animal Husbandry (1970) Vol. 10: pp. 237-240 ✓	
<i>SW</i>	Scriven, F.M.; Gek, C.O.; Wills, B.H. Sensory Differences between Bananas Ripened Without and With Ethylene HortScience (1989) 24(6): pp. 983- 984 ✓	
<i>SW</i>	Smock, R.M. Controlled Atmosphere Storage of Fruits ✓ Horticultural Reviews, 1979, Vol. 1, pp. 301-336	
<i>M</i>	Smock, R.M. Methods of Storing Bananas ✓ Philippine Agriculturist (1967) Vol. 51: pp. 501-517	
<i>SW</i>	Wade, N.L. Effects of Oxygen Concentration and Ethepon Upon the Respiration and Ripening of Banana Fruits ✓ J. of Experimental Botany, (1974) Vol. 25(88): pp. 955-964 ✓	
<i>SW</i>	Wardlaw, C.W. Preliminary Observations on the Refrigerated Gas Storage of Gros Michel Bananas Tropical Agriculture (Trinidad), (1940) Vol. XVII, No. 6: pp. 103-105 ✓	
<i>SW</i>	Woodruff, R.E. Modified Atmosphere Storage of Bananas ✓ Proc. Natl. CA Res. Conf., Michigan State Univ. (1969b) Hort Rpt. 9:pp. 80-94	
<i>M</i>	Young, R.E.; Romani, R.J.; Biale, J.B. Carbon Dioxide Effects on Fruit Respiration. II. Response of Avocados, Bananas, & Lemons ✓ Plant Physiol., (1962) Vol. 37: pp. 416-422	

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